

GENERAL NOTES:

- 1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
2. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
3. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.

SEWER NOTES:

- 1. SUPPLY AND CONSTRUCT ALL SEWERS AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS - ALL CURRENT VERSIONS AND 'AS AMENDED'.
2. SPECIFICATIONS:
ITEM SPEC. No. REFERENCE
CATCHBASIN (600x600mm) 705.010 OPSD

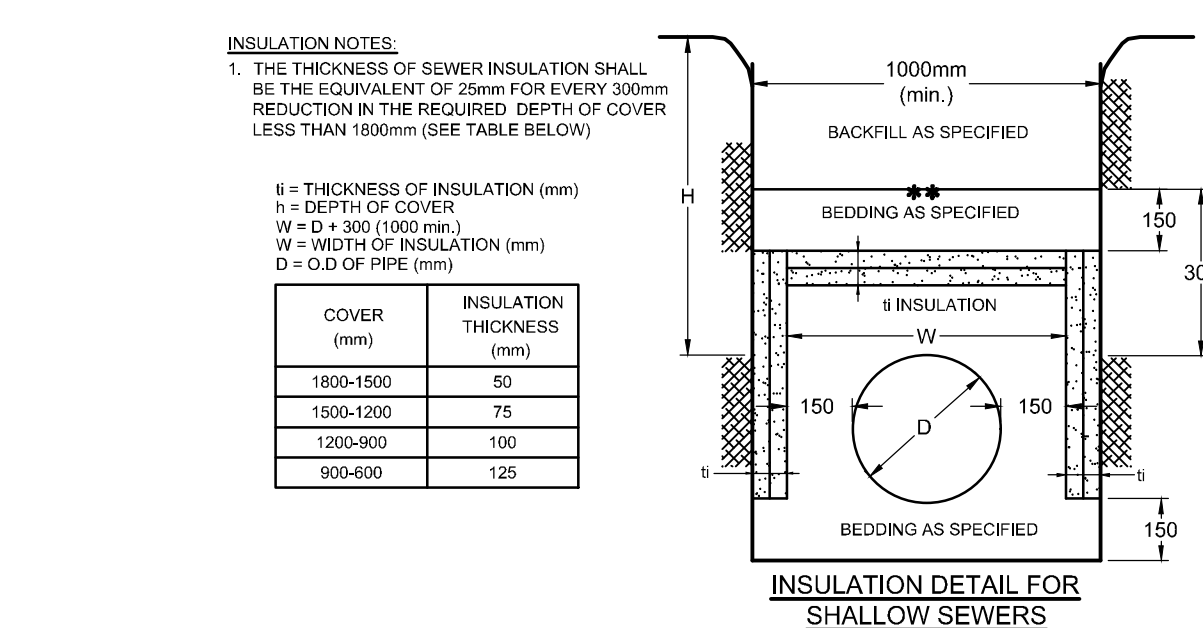
EROSION AND SEDIMENT CONTROL NOTES:

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES.

- 1. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE INSTALLED TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF OTTAWA. THEY ARE TO BE APPROPRIATE TO THE SITE CONDITIONS.
2. EROSION AND SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED DURING CONSTRUCTION IN ACCORDANCE WITH THE 'GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES' (GOVERNMENT OF ONTARIO, MAY 1987).

WATERMAIN NOTES:

- 1. SUPPLY AND CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARDS AND SPECIFICATIONS - ALL CURRENT VERSIONS AND 'AS AMENDED'.
2. SPECIFICATIONS:
ITEM SPEC. No. REFERENCE
WATERMAIN TRENCHING W17 CITY OF OTTAWA



GRADING NOTES:

- 1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.

PAVEMENT STRUCTURES:

- LIGHT DUTY PAVEMENT: 50mm HL-3 or SUPERPAVE 12.5, 150mm GRANULAR 'A', 300mm GRANULAR 'B' TYPE II.
HEAVY DUTY PAVEMENT: 40mm HL-3 or SUPERPAVE 12.5, 50mm HL-3 or SUPERPAVE 19.0, 150mm GRANULAR 'A', 400mm GRANULAR 'B' TYPE II.

INLET CONTROL DEVICE DATA TABLE: AREA A-1 (OUTLET PIPE OF CB 01). Table with columns: DESIGN EVENT, ICD TYPE, DIAMETER OF OUTLET PIPE, PEAK DESIGN FLOW, DESIGN HEAD, WATER ELEVATION, VOLUME, AVAILABLE STORAGE.

INLET CONTROL DEVICE DATA TABLE: AREA A-4 (OUTLET PIPE OF STM MH 04). Table with columns: DESIGN EVENT, ICD TYPE, DIAMETER OF OUTLET PIPE, PEAK DESIGN FLOW, DESIGN HEAD, WATER ELEVATION, VOLUME, AVAILABLE STORAGE.

PROPOSED 300mmØ WATERMAIN TABLE: EAST / WEST ON-SITE LOOP

Table with 4 columns: STATION, SURFACE ELEVATION, TWM ELEVATION, COMMENTS. Lists stationing from 0+000 to 4+004.9 with corresponding elevations and pipe details.

LEGEND

- SITE BOUNDARY
EXISTING ELEVATION
PROPOSED SWALE ELEVATION
PROPOSED TERRACE ELEVATION
MAXIMUM 3:1 SIDESLOPE
PARKING GRADE AND DIRECTION
FFE PROPOSED FINISHED FLOOR ELEVATION
USF PROPOSED UNDER SIDE OF FOOTING ELEVATION

BENCHMARK INFO:

OLS JOB BENCHMARK No. 2 ON THE TOP OF SPINDLE OF THE EXISTING MUNICIPAL FIRE HYDRANT LOCATED NEAR THE NORTH-EAST CORNER OF THE INTERSECTION OF JOURNEYMAN STREET AND CAMPEAU DRIVE.

PROPOSED 300mmØ WATERMAIN TABLE: OFF-SITE EXTENSION. Table with columns: STATION, SURFACE ELEVATION, TWM ELEVATION, COMMENTS. Lists stationing from 5+000 to 5+091.7.

- \* CONNECTIONS TO EXISTING 300mmØ and 200mmØ WATERMANS, EXACT ELEVATIONS TO BE FIELD DETERMINED.
\*\* PROVIDE THERMAL INSULATION AS PER CITY OF OTTAWA DETAILS W22 IN SHALLOW TRENCHES WHERE COVER IS LESS THAN 2.4m.

CRITICAL SEWER PIPE CROSSING TABLE. Table with columns: CROSSING, LOWER PIPE, HIGHER PIPE, CLEARANCE, SURFACE ELEVATION. Lists crossings from 250mmØ SAN to 300mmØ U/S WM.

ALL PROJECT NOTES, DETAILS AND SPECIFICATIONS ARE TO MEET THE MOST CURRENT AND AMENDED VERSIONS OF THE CITY OF OTTAWA AND PROVINCIAL STANDARDS

THIS PLAN IS TO BE READ IN CONJUNCTION WITH CIVIL PLANS 122151-GP1&2, 122151-GR1&2 AND 122151-PR1

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

REVISION table with columns: No., REVISION, DATE, BY. Lists 5 revisions from AUG 4/23 to DEC 16/22.

SCALE: NOT TO SCALE. DESIGN CHECKED: SM / BM / DDB. DRAWN: DDB. CHECKED: SM. APPROVED: BM / DDB, DDB.

FOR REVIEW ONLY. Includes logos for PROFESSIONAL ENGINEER D.D. BLAIR and NOVATECH Engineers, Planners & Landscape Architects. LOCATION: CITY OF OTTAWA, 405 HUNTMAR DRIVE - WAREHOUSE DEVELOPMENT.